

Land Use Planning Coordination Summary

Objective/Role:

To quantify water supply benefits attributed to the California Water Plan Land Use Planning and Management and Low Impact Development Resource Management Strategy (RMS) associated with compact development in conjunction with watershed location.

To develop one to three case studies applying the water supply benefits land use decision tree tool. The upfront calculations of systematic application of forecasting tools would enable developers, planners and decision makers to compare the benefits of compact development including LID techniques in a watershed location beneficial to its functions with more traditional, centralized and capital-intensive public and private infrastructure investments.

Key Deliverables: (*timeframe is dependent on co-lead coordination efforts*)

1. Work with DWR Regional Districts to identify potential partnerships with one each Southern and Northern California Integrated Regional Water Management region - 3 months.
2. Seek academic collaboration for developing general landscape classification system designed to select appropriate menu of items from compact and LID menu of best practices and design elements – 3-6 months.
3. Identify desired outcomes such as increased reliable water supply, increased water quality, lower long-term municipal, agency or responsible party maintenance and operation costs, other beneficial outcomes of recreation, aesthetics, community welfare, and environmental restoration – 1- year.
4. Compile and map the necessary geospatial data for each watershed in any given selected IRWMP region that correspond to the landscape classification system above (e.g. soil infiltration or permeability classes, erosion risk ratings, range of groundwater, drainage coverage, local and regional storm activity, annual precipitation, climate zones, land cover and designation of public or private title) – 1 - year.
5. Apply the “decision tree” to the two case studies to demonstrate performance and cost – 1-2 years

Coordination Venues:

Work Team Lead and Lead Coordinator Meetings

Regional District Offices

Case Study participants

Academic participants

Water Plan Advisory meetings (status and reporting)

Regional and Subject Area caucuses as needed

Water Plan plenary session

How to get involved:

Co-lead and DWR technical staff and regional staff